

VASOVIC, Milorad, vanredni profesor Univerziteta (Beograd, Iole
Ribara 24)

"Negotinska Krajina and Kljuc" by Milisav Lutovac. Reviewed by
M. Vasovic. Glas Srp geogr dr 43 no. 2:181 '63.

"Ivangradaska (Beranska) Kotlina" by Milisav Lutovac. Reviewed
by M. Vasovic. Ibid.:182

1. Responsible Editor and Member of the Board of Editors,
"Glasnik Srpskog geografskog drustva".

VASOVIC, M.; CIRIC, Jovan V.

Geographic chronicle. Glas Srp geogr dr 43 no. 2:187-188 '43.

VASOVIC, Natalija, inz.; MITROVIC, Nikola, inz.

News in the field of radioisotopes and radiation. Tehnika Jug:Suppl.:
Radioizotopi zrac 2 no.2:236-239 Fe '63.

PA 30/49T5

USSR/Chemistry - Systems, Binary
Chemistry - Inorganic Compounds Sep 48

"Binary Systems Composed of the Halides of Sil-
con, Titanium, Tin, Arsenic, Antimony and Bismuth
With Various Organic Compounds," N. A. Pushin,
Collaborators: N. Vasovich, I. Veltstik, T.
Fedoronov, L. Marichem, L. Mikhaylovich, L.
Mikhailich, I. Farkhmenko, Ye. Ubovich, 8 pp
"Zhur Obshch Khimii" Vol XVII, No 9

Investigates stability diagrams of 16 binary
systems. Shows that arsenic trichloride with
aniline and 1,3,4-xyldine gives high-melting
compounds of composition $AsCl_3 \cdot 3C_6H_5NH_2$ and
 $AsCl_3 \cdot 3(C_6H_3)_2C_6H_3 \cdot NH_2$. Stannic tetrachloride
with o-nitranisole forms a compound of equimoleo-
lar composition, $SnCl_4 \cdot O.C_6H_4(NO_2).O.CH_3$. The
30/49T5

USSR/Chemistry - Systems, Binary (Contd) Sep 48

Remaining systems, except arsenic tribromide-azoben-
zene, are mechanical mixtures in the crystalline
state. A second modification of bisanth-tribromide
exists with transition temperature of 151°. Submit-
ted 13 Jun 47.

VASOVICH, N.

30/49T5

VASCOVOVA, A.

A grometeorological station at a machine-tractor station. Tr. from the Russian. p. 155. (Mechanizace Zemedelstvi, Vol. 7, No. 7, Apr. 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

GDR / Cosmochemistry. Geochemistry. Hydrochemistry.

Abs Jour : Referate Zhur--Khimiya, No. 11, 1959, 38196

D

Author : Amosov, G. A.; and Vaspoeyevich, N. B.

Inst : Not given

Title : On the Methods Used for the Determination of the
Temperature in Petroleum Deposits.

Orig Pub : Z angew Geol, 4, No. 9, 410-413 (1958) (in German)

Abstract : See RZhKhim, 1958, 7460.

Card 1/1

ABBADIE, Jean (Franta); BONNAURE, Andre (Franta); LUANDE, H.M.;
VASQUEZ, Marcos

Struggle of the workers in the capitalist countries, opinions of
some overseas visitors in Rumania. Munca sindic 7 no.6:55-58
Ja '63.

1. Membru al biroului Federatiei sindicatelor din posta,
afiliata la Confederatia Generala a Muncii (for Abbadie).
2. Secretar al Uniunii sindicatelor Force Ouvriere din regiunea
parisiana (for Bonnaure). 2. Presedinte al Congresului
sindicatelor din Uganda (for Luande). 4. Presidinte al
Comitetului sindicatelor din provincia Valparaiso-Chile
(for Vasquez).

VASS, Andor (Pecs, Szekely Bertalan u.20)

One more remark about coil assembly. Radiotechnika 14, no. 3: 95
Mr '64.

VASS, Andor (Pecs)

Aluminum sheets, tools and instruments. Radiotechnika 14,
no. 6:227 Je '64.

Vico, M.

Subject (in case): Given Names
Country: Rumania
Academic Degrees: Dr.
Affiliation: National Veterinary Laboratory (Laboratorul Veterinar
National), Satu Mare.
Source: Bucharest, Probleme Zootehnice si Veterinare, No 7, Jul 61,
pp 57-59.
Data: "Comparative Data Concerning the Allergic Reaction of Cattle
in the First and Second Intradermic Tuberculinization."
Co-author:
BAIOS, P., Veterinarian,
RAFULEA, P., Dr.
VASS, Al., Dr.

POPPER, A., dr.; VASS, Al., dr.; OPREA, I., dr.

Fatal reaction after sulfobromophthalein administration.
Med. intern. (Bucur.) 17 no.4:477-479 Ap '65.

1. Lucrare efectuata in Spitalul nr. 1, Oradea, Sectia de boli
interne.

VASS, Balazs

Running in and control of piston aircraft engines on a test bench. Jarmu mezo gep 7 no.4:153-157 '60.

VASS, Balazs

Fuel charging and regulating devices of aircraft engines.
Jarmu mezo gep 7 no.7:260-264 '60.

VASS, Balazs

Structural design and repair of aircraft engine pistons.
Jarmu mezo gep 8 no.4:122-130 Ap '61.

1. Magyar Legikozlekedesi Vallalat motortechnologus merpoke.

VASS, Helen

Modern passenger airplanes. Jacmi rezo gov. li no.3:11-12-1971

VASS, Balazs

Caravelle aircrafts. Jarmu mezo gep 11 no.6:233 Je '64.

VASS, Bela

The cave of the Vizfo Spring. Pecsí musz szeml 6 no.2:8-12 Ap-Je
'61.

VASS, Bela

Technical problems of siphon break-through. Pecsí musz szeml
8 no.2:20-22 Ap-Je '63.

1. Baranya megyei Tanács Vegrehajto Bizottsaga epitesi osztalya.

BLUM, Endre; SERES, Peter; VASS, Bela

Graphic design of transistor inverters. Hir techn 14, no.4:
121-126 1963.

1. Beloiannisz Hiradastechnikai Gyar.

VASS, Bela, fomernok

Caves in the western part of the Mecsek Mountains. Term tud
kozl 8 no.1:16-19 Ja'64.

1. Baranya megyei Tanacs Epitesi Osztalya, Pecs.

ISACESCU, Dimitrie A.; GAVAT, Ion; STOICESCU, Calin; VASS, Cecilia; PETRUS,
Ileana

Studies in the furfural field. Pt.26. Studii cerc chim 14
no.3:197-209 Mr '65.

1. Physical Chemistry Research Center, Rumanian Academy,
18 Dumbrava Rosie St., Bucharest. Submitted June 23, 1964.

CZECHOSLOVAKIA

CECHOVIC, V; GABCO, R; VASS, D.

~~Geol~~ Geological Institute D. Stura (Geologicky ustav D. Stura),
Bratislava (for all)

Prague, Casopis pro mineralogii a geologii, no 4, 1963,
pp 353-358

"Geological Relationships of the Region of Mountain Stratum
in Handlova and their Influence on the ~~Handlova~~ Formation of the
Stratum."

CZECHOSLOVANIA

VASS, D; GABCO, R.

Geological Institute D. Stura (Geologický ústav D. Stura),
Bratislava (for both)

Praque, Casopis pro mineralogii a geologii, No 3, 1964,
pp 337-339

"Identification of the Hypothetical Triassic Quartzites near
Zihlava in the Lucenec District."

VASS, Denes

Application of prefabricated structures in the construction
of the Barcs sawmill. Faipar 12 no.6:182-183 Je '62.

VASS, Deneš, okleveles építész-mérnök

Technology and architecture. Falpar 12 no.9:253-254 S '62.

1. ERDŐTERV.

VASS, Denes, tervezomertok

Designing wood industry buildings. Erdo 12 no.12:546-550
D'63.

1. Erdogazdasagi es Faipari Tervezo Iroda, Budapest.

VASS, Denes, okleveles epiteszmernok

Architecture aspects of the establishment of chip board
manufacturing and surface-treating plants. Faipar 13 no.2:
57-60 F '63.

1. ERDOTERV.

GEOROVIC, Vsevolod (pseudonym), CHEROV, Indol; 1933, 1934

Geological conditions of the surroundings of the landslide in the
city of Handlova and their effect on the landslide origin. Gas min
geol 8 no.4:351-359 0 163.

1. Dlenyz Star Geological Inst. 193. Bratislava.

VASS, Dionyz; GABCO, Rudolf

Contribution to the identification of presumed Triassic quartzites
near Zihlava, Lucenec District. Cas min geol 9 no.3:337-340 '64.

1. Dionyz Stur Geological Institute, Bratislava.

ARADI, Jozsefne; ENTZ, Belane, dr.; LUKACSOVICS, Ferenc; RATZ, Erzsebet;
VASS, Elemerne, dr.

"Annales Instituti Biologici(Tihany)Hungaricae Academiae
Scientiarum"; Index generalis. Annales biol Tihany 27:255-289
'60.

HUNGARY

GORGENYI, Oszkar, Dr, KISS, Ilona, Dr, VASS, Etelka, Dr: State Children's Sanatorium (director: SEBES, Terez, Dr, scientific director: GORGENYI, Oszkar, Dr) (Allami Gyermekszanatorium), Szabadsaghegy.

"Treatment of the Adult Type of Pulmonary Tuberculosis During Adolescence With Special Emphasis on Pneumothorax Therapy."

Budapest, Orvosi Hetilap, Vol 108, No 11, 12 Mar 67, pages 487-489.

Abstract: [Authors' Hungarian summary] In response to a three-fold inhibitor therapy, complete healing was achieved in 80-86 per cent of the adolescents with recent infections. In the remaining 15-20 per cent of the cases, pneumothorax therapy was attempted. Resection was decided upon only after other surgical therapies had failed to give satisfactory results. The pneumothorax was usually maintained for 12-18 months. It was, of course, greatly dependent on the condition of the pneumothorax. The "more dry" and free of complication was the pneumothorax, the longer could it be maintained. Sectional roentgenograms taken in the sagittal and lateral directions were used at three-month intervals during the pneumothorax treatment to check the disappearance of the cavern; out of 49 cases, it disappeared within 3 months in 25 cases (51 per cent) and within 6 months in 9 cases. Thoracoscopy was performed in every case to check for the presence of adhesions, 4-8 weeks after the pneumothorax was initiated. A complete pneumothorax could be achieved by means of cauterization in 39 out of 49 cases. If the

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HAIASZ, Stefania, Dr.; KOMLOS, Iaszlo, Dr.; VASS, Etelka, Dr.

Poliomyelitis vaccination of children in primary tuberculosis. Orv.
hetil. 99 no.20:672-674 18 May 58.

1. A Szabadsaghegyi Allami Gyermekszanatorium (igazgato: Szeder-
kenyi Janos dr., tudomanyos igazgato: Gorgenyi-Gottche Oszkar dr.
az orvostudomanyok doktora) kozlemenye.

(POLIOMYELITIS, prev. & control

vacc. of child. in primary pulm. tuberc. (Hun))

(TUBERCULOSIS, PULMONARY, in inf. & child

poliomyelitis vacc. of child. in primary tuberc. (Hun))

HALASZ, Stefania, dr.; KOMLOS, Laszlo, dr.; VASS, Etelka, dr.

Data on drug therapy of primary tuberculosis. Gyermekgyógyászat 12
no.9:278-285 S '61.

1. Szabadsaghegyi Allami Gyermek Szanatorium (Tudományos igazgató:
Gorgenyi Oszkar dr. az orvostudományok doktora, mb. igazgató: Hoffmann
Ida dr. főorvos) közleménye.

(ANTITUBERCULAR AGENTS ther)

VASS, G.; TERI, R.; NATKANSKI, K. [translator]

Practical method of determining the most important quality
properties of knitted goods. Przegl wlokien 16 no.7/8:406-411
Jl-Ag '62.

1. Instytut Badawczy Wlokiennictwa, Budapest (for Vass and Teri).

VASS, Gabor; TERI, Rudolf

Influence of synthetic fiber blends on the formation of
the quality of knit goods. Pt.2. Magy textil 15 no.8:333-337.
Ag '63.

1. Textilipari Kutatointezet.

VASS, Gabor

Between-season coat materials prepared by knitting technology.
Magy textil 16 no.12:562-565 D '64.

1. Research Institute of Textile Industry. Budapest.

HUNGARY

TOTH, Bela, Dr., Candidate of Veterinary Sciences, MOLNAR, Imre, Dr., and VASS, Gabor, of Phylaxia State Institute for Serum Production (Phylaxia Allami Oltoanyagtermelo Intezet)(Director: MOLNAR, Jozsef, Dr.), and Hungarian Enterprise for Cooperative Game Merchandising 'MAVAD' (MAVAD Magyar Vadkereskedelmi Szovetkezeti Vallalat)(Director: GABOR, Jozsef)(Locations not given).

"Susceptibility of the Pheasant To Poultry Pest [Newcastle Disease] and Its Immunizability with La Sota Vaccine"

Budapest, Magyar Allatorvosok Lapja, Vol 21, No 6, Jun 1966, pp 271-273.

Abstract: Pheasants were found to be susceptible to Newcastle disease, showing an incubation time of approximately 3-4 days. Death occurs 4-6 days after infection. A ten-day quarantine period was judged to be adequate. The La Sota vaccine was found to provide effective immunization, irrespective whether it is applied in the form of ophthalmological drops or inhalation aerosol. The immunity begins to be evident three days after the administration of the vaccine, and becomes complete after six days. No references.

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- 88 -

VASS, Gyorgy, dr., a muszaki tudományok kandidátusa

Effect of spinning technology on the fiber distribution of blend components and their cross-sectional layout. (Continuation). Magy textil 14 no.3:106-112 Mr '62.

1. Textilipari Kutató Intézet.

VASS, Gyorgy, dr., a muszaki tudományok kandidátusa

Causes for the formation of irregularities in the cotton
mill semifinished and finished products, as well as the
methods and instruments for testing them. Magyar Textil 15
no.3:97-101 Mr '63.

VASS, Gyorgy, dr., a mészaki tudományok kandidátusa

Causes, investigating methods and instruments concerning the origin
of the inequality of the cotton mill semifinished and finished products.
Pt.2. Magy textil 15 no.4:150-154 Ap '63.

DOMES, Otto; VASS, Gyorgy, dr., okleveles gepeszmernok

Dispersion analysis in the textile industry quality control.
Pt. 2. Magy textil 15 no.5/6:256-258 My-Jo '63.

1. Textilipari Kutato Intezet. 2. "Magyar Textilitechnika"
szerkeszto bizottsagi tagja (for Vass).

VASS, Gyorgy, dr.

Effect of the detaching distance on the percentage of combing and the fiber length distribution. Magy textil 16 no.7:302-305 J1 '64.

1. Editorial board member, "Magyar Textiltechnika."

VASS, Gyorgy, dr., a mészaki tudományok kandidátusa

Problems of reving bobbins in up-to-date cotton spinning technology. Magyar Textil 26 no. 10 452-456 1964.

1. Editorial board member, "Magyar Textiltechnika."

VASS, Gyorgy, dr.; STOICA, Aurel, dr.; WERESS, Miklos, dr.

Subperitoneal and generalized subcutaneous emphysema following gastric surgery. Orv. hetil. 104 no.46:2187 17 N '63.

1. Egyesített Uzemi Korház, Cluj, Roman Nepkoztarsasag.
(HEMORRHAGE, GASTROINTESTINAL)
(SURGERY, OPERATIVE)
(POSTOPERATIVE COMPLICATIONS)
(PNEUMATOSIS CYSTOIDES INTESTINALIS)
(EMPHYSEMA)

VASS, Imre

Prestige of stewards in metallurgical plants has increased. Munka 8
no.7:4 J1 '58.

1. Kohasz Szakszervezet szervezési osztalya vezetője.

VASS, Imre

Formation of artistic taste. Pt. 2. Munka 13 no.2:16-17
F '63.

1. MUDOSZ fotitkara.

VASS, Imre

The opinion of the working class must be reflected in artistic creations. Munka 13 no.6:9 Je '63.

1. Művészeti Szakszervezetek Szövetsége fotitkara.

VASS, Imre

Effect of the trade union movement on the arts. Munka 11
no.10:4-6 0 '64.

1. Editorial board member, "Munka."

VASS, Imre

The Association of Art Workers Union. Hung TU no.8:6-2
Ag '64.

1. Secretary General, Association of Art Workers Unions,
Budapest.

VASS, László; MOLNAR, Jozsef

Standardization in the shoe industry. Bor cipo 14 no. 1:
4 Ja '64.

1. Boripari Kutato Intezet.

KOLNAR, Jozsef; VASS, Laszlo

Designing lasts suitable for preserving foot hygiene. For slip 1/
no.4:124-127 J1 '64.

1. Research Institute of the Leather Industry.

VASS, Laszlo, okleveles banyamernok, fomernok

Development of mining in the Oroszlany coal basin and its
future possibilities. Bany lap 97 no.4:229-235 Ap '64.

1. Oroszlany Coal Mining Enterprise.

MOLNAR, Jozsef; VASS, Laszlo

Designing last series for orthopedic shoes. Bor cipo 15
no.1:24-29 Ja '65.

1. Research Institute of Leather Industry, Budapest.

HUNGARY

BUDA, Balint, Dr, ARATO, Miklos, Dr, VASS, Laszlo, Dr: Hospital of Kaposvar (Kaposvari Korhaz).

"The Treatment of Acute Intermittent Porphyrria."

Budapest, Orvosi Hetilap, Vol 104, No 25, 23 June 63, pages 1174-1178.

Abstract: [Authors' Hungarian summary] The authors describe the treatment given to a patient with acute intermittent porphyria, showing severe abdominal and nervous systemic symptoms. The patient is under observation for 6 years and is treated with vitamin B₁₂, Erythrophyl, Kobalt-Ferrlecit and cobalt injections. Given in the correct dosage and continued as long as indicated, the beginning attacks can be lessened or avoided with certainty. Between attacks, the above mentioned compounds influence the excretion of the intermediary porphyrine product in the urine. The action mechanism of the applied drugs is not known although some possibilities are discussed by the authors. During the 4 years while the treatment was applied, every more severe attack of the disease was avoided successfully and the patient at present is still able to work and is in good condition. 8 Hungarian, 18 Western ref.

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ARATO, Miklos, dr.; SZIJARTO, Arpad, dr.; VASS, Laszlo.

Some data on the clinical picture of alkaptonuria. Modified
method for the determination of alkaptonuria and homogentisic
acid. Orv. hetil. 105 no.29:1359-1361 19 JI'64.

1. Smogy-megyei Tanacs, Korhaza, Kaposvar, Kozponti Labora-
torium es Gyermek Osztaly.

GIEMARU, D.; VASS, M.

Reactions of solids and gases. Kinetics of the reduction of lead
oxide by hydrogen. Rev chimie 6 no.1:125-135 '61.

GISMARU, D.; VASS, M.

Reactions between the solid and the gas; kinetics of the reduction
of lead oxide with hydrogen. Studii cerc chim 9 no.1:27-38 '61.
(EEAI 10:9)

1. Centrul de cercetari chimice al Academiei R.P.R., Sectia de
chimie-fizica, Bucuresti. 2.Comitetul de redactie, Studii si cercetari
de chimie(for Gismaru).

(Lead oxides) (Hydrogen) (Reduction)

CISMARU, D.; VASS, M.

Kinetics of the reduction of manganese dioxide by
hydrogen. Pt. 1. Rev chimie 7: no. 1: 101-109 '62.

1. Section de chimie physique, Laboratoire de cinetique
chimique et de catalyse, Centre de recherches chimiques
de l'Academie de la R.P.R., Bucarest.

CISMARIU, D.; VANCE, H.

Kinetics of nitrogenization of aluminum films under high temperatures. Pt. 1. Rev chimie Roum 9 no.12:823-828 D '64.

1. Center of Chemistry and Physics Research, 23 Dumbrava Rosie Street, Bucharest. Submitted June 29, 1964.

VASS, Norbert [Wass, Norbert]

The 40th anniversary of the Great October Socialist Revolution.
Elektrichestvo no.11:47-48 N '57. (MIRA 10:10)

1.Otvetsstvennyy redaktor zhurnala "Deutsche Elektrotechnik",
Germanskaya Demokraticeskaya Respublika.
(Germany, East--Electric engineering--Periodicals)

VASS, Sandor; KISS, Laszlo

Modernization of the Miskolc-Tisza railroad terminal. Vass: 14
no.12:15 D '64.

VASS, Sandor.....

The position and tasks of the Hajdusag State Forestry.
Erdo 11 no.8:345-349 Ag '62.

VASS, Sandor, elektromuszerész (Sarbogard); RACZ, Janos; RENNER, Gyula

Radio operators are speaking. Radiotekhnika 13 no.6:218 Je '63.

1. Kísipari Szövetkezetek Országos Szövetsége osztályvezetője,
Budapest, V., Pesti Barnabas u. 6. (for Racz).

VASS, Tibor

Past, present and the development of the Ganz-MAVAG innovation movement. Ujit lap 13 no.10:4-5 My '61.

1. Ganz-MAVAG ujitasi osztalyanak vezetoje.

(Hungary—Machinery industry)
(Hungary—Iron industry and trade)
(Hungary—Steel industry and trade)

VASS, Tibor

Mass measuring of the conversion conductance of converter tubes.
Muszaki kozl MTA 26 no.1/4:221 '60. (EEAI 9:10)

1. Telefongyar.
(Radio) (Electric converters)

DAVID, Janos; SZENES, Ervin; VASS, Tibor

Construction of medium-high dwelling houses from blast furnace foamed
slag concrete by means of pouring. Magyar ipar 11 no.12:529-540 '62.

VASS, Tibor

New laminated materials. Magy ep ipar 12 no.2:85-90 '63.

L 22470-66

ACC NR: AP6013611

SOURCE CODE: UR/0143/65/000/008/0119/0121

AUTHOR: Vassarionov, V. I. (Engineer)

ORG: Leningrad Polytechnic Institute im. M. I. Kalinin (Leningradskiy politekhnicheskoy institut)

TITLE: Usage of water power and electronic computers

SOURCE: Izvestiya vysshikh uchebnykh zavedeniy. Energetika, no. 8, 1965, 119-121

TOPIC TAGS: electronic computer, hydroelectric power plant, turbine, ocean tide, scientific conference

ABSTRACT: A report of one section's activity at the Annual Scientific and Technical Conference of the Hydrotechnical Faculty of the Leningrad Polytechnical Institute, held 15-19 March 1965. The first theme discussed was the efficient construction of hydroelectric station buildings, which heard reports on: the construction of the Sayano-Shushenskaya hydroelectric station, the world's largest, to have a total capacity of 6,360 Mw; the strength and stability of the dam at the Krasnoyarskaya station; and other questions concerned with the construction of power station buildings. The second theme of the section was concerned

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UDC: 621.221:518.5

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ACC NR: AP6013611

with investigations on hydro-turbine units, and included reports on: model investigations on rapid radial-axial turbines; power tests of models of the Krasnoyarskaya hydroelectric power station apparatus; water pressure pulsation in power units; flow distribution in upper water; and others. The third theme, computerized design of stations, included reports on: tidal station dynamics as calculated on computers; computerized hydroelectric station parameter optimization; the application of peak stations; the planning of water reservoirs; design of hydroelectric station equipment; and the consolidation of earthen dam cores as calculated by computers. [JPRS]

SUB CODE: 10, 09 / SUBM DATE: 03Jun65

Card 2/2

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The Influence of Some Alloying Constituents on the Structure of Cast Aluminium. A. Domony and T. R. Varga (Acta Tech. Acad. Sci. Hungar., 1963, 12, (1/3), 167-168) (In English). The effect of alloying elements, viz. Cu, Fe, Mg, Mn, Si, Zn, Ti, added to Al to form binary or ternary alloys, and of the presence of impurities, was studied in 220 cast Al alloys, in order to determine the effects of the alloying metals upon the grain-size of the alloys and to study the role played by Ti in the grain-refining process. Ti had the greatest effect upon grain-size and refining, but its action cannot be explained by any of the three customary theories: (1) the occurrence of a peritectic reaction, or the presence of (2) TiC particle nuclei, or (3) crystal-lattice fragments. A theory based on the assumption of a favourable equilibrium of the forces acting between Al and Ti atoms present in a melt at ~700° C. is considered more satisfactory, and is discussed. 16 ref.—J. S. G. T.

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ADASKINA, Vera Ivanovna, nauchnyy sotr.; VASSEL', Ivan Pavlovich, nauchnyy sotr.; RIOR, El'za Matveyevna, nauchnyy sotr.; -- SHASKOL'SKIY, I.P., kand. ist. nauk, red.; SAVASKIN, A.G., red.; SIMONOV, S.N., tekhn.red.

[Vyborg and its environs; concise guidebook] Vyborg i ego okrestnosti; kratkii putevoditel'. Pod red. I.P.Shaskol'skogo. Leningrad, Gidrometeoizdat, 1961. 162 p. (MIRA 15:11)

1. Gosudarstvennyy arkhiv Leningradskoy oblasti v gorode Vyborg (for Adaskina, Vassel').

(Vyborg region--Guidebooks)

ADASINA, V.I.; VASSEL', I.P.; ZUYEV, B.V.; RIOR, E.M.; SERPOKRYL,
S.M., red.

[Got acquainted with Vyborg; a guidebook] Znakom'tes' -
Vyborg. Leningrad, Lenizdat, 1965. 126 p. (MIRA 18:12)

Wichel ~~SECRET~~
K. R.

Some Problems of Aluminium Distillation and Reduction
Referred to in Soviet Scientific Literature. K. Robert Vagerl
(*Aluminium (Budapest)*, 1952, 4, (3), 51-53). ~~In Hungarian.~~
A brief résumé of the researches of Soviet Russian scientists
in the field of Al prodn. Ref. is made to an Al compound
formed at high temp.; electrothermic reduction from the
ore; thermodynamic functions of Al and Si compounds; and
the problems of investigating the initial stages of the melting
of complex metallic systems. 8 ref.—I. S. M.

M Jee

VASSI, L. : POLITY A.

"Effect of iron on the electric conductivity of Ingot and Refined Aluminum", P. 115. (ACSA TECHNICA, Vol. 7, No. 1, 1953, Budapest, Hungary)

SO: Monthly List of East European Accession, (EEAI), 10, Vol. 4, No. 1, Jan. 1977, Incl.

VASSEL, R.

"Tabular compilation of thermodynamic connections." (p.215) KOHASZATI LAPOK
(Magyar Bányászati és Kohászati Egyesület) Budapest. Vol 7, No 9, Sept 1952.

SO: East European Accessions List, Vol 3, No 8, Aug 1954.

Vassel, K. R.

73. Influence of some alloying constituents on the structure of cast aluminum. (In English) A. Domony. K. R. Vassel. *Acta Technica Academiae Scientiarum Hungaricae*. Vol. 12, 1955, No. 1-2, pp. 157-164, 1 tab.

Experiments were conducted to show the effect of the various alloying elements and impurities of aluminum on the primary grain size of the cast metal. Grain size and mode of crystallization depend to the greatest extent — according to the experiments conducted under the same melting and casting conditions — on the kind of alloying constituents present in the molten metal, on the presence of other metallic constituents or impurities and on the amount. As anticipated, titanium showed an effect on grain size which was higher by several orders than that of the other investigated elements. In the opinion of the authors the increased grain refining effect and its influence on crystallization cannot be explained univocally by any of the following theories: peritectic reaction, nuclei of titanium carbide particles and remnant crystal lattice fragments. A much clearer explanation can be given by assuming a favourable equilibrium of the forces and energies acting between the aluminum and titanium atoms in a melt of approx. 700° C.

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Category : HUNGARY/Solid State Physics - Phase transformation of solid bodies

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Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 1219

Author : Domony, Andras;; Vassel, K. Robert

Title : Effect of Alloying Additives on the Structure of Cast Aluminum

Orig Pub : Magyar tud akad. musz. tud. aszt. kozl. 1956, 18, No 1-4, 17-30

Abstract : No abstract

Card : 1/1

VASSEL, R.

VASSEL, R. Processing method and important properties of very pure aluminum. p. 376.

Vol. 12, no. 1/4, 1954, Budapest, Hungary KOZLETVET

SO: Monthly List of East European Accessions, (EFAL), LC, Vol. 5, No. 3,
March, 1956

K. ROBERT VASSAL

Large-scale production of aluminum wire of good conductivity. András Domony and K. Robert Vassal. *Élelpori Kutató Intézet Közleményei* 1956, 182-84. The elec. properties of the finished wire depend upon the compn. of the base metal and the manufg. conditions. The Si content of the Al must be $\leq 0.1\%$. During manuf. the formation of the Al-Si solid soln. must be avoided. The deleterious effect of the V and Ti content can be offset by addns. of B. Felicitas D. Goodman--

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1. **TEMPERATURE** reduction of rutile powder furthermore metallographic tests have proved that an improvement in strength, utilisable to advantage in practice, cannot be obtained by the addition of small quantities of titanium dioxide alone but must be obtained by the addition of a very small amount of zirconium dioxide. The latter is not only a very effective strengthener but also a very effective stabilizer against the deleterious effects of alkali.

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APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001859020005-1"

VASCEI, R.

Experiences with a new non-destructive method of testing materials which was introduced into Hungary as a means for investigating and controlling nonferrous metals. n. 472 (Kohaszati Lapok Budapest Vol. 11, no. 10, Oct. 1956 Kohaszati Lapok, Vol. 11, no. 10)

SO: Monthly List of East European Accessions (EEAL) LC., Vol. 6, no. 7, July 1957. Uncl.

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APPROVED FOR RELEASE: 08/31/2001

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VASSEL, V.

SCIENCE

PERIODICALS: ~~ACTA ZINCHICA. Vol. 6h, No. 7/8 July/Aug. 1958~~
RUSSEAN KEMIAL FOLIOINT. Vol. 6h, No. 7/8 July/Aug. 1958

Vassel, V. Up-to-date review of the binding relations influencing some physical and chemical properties of pure aluminum containing various impurities. n. 262

Monthly list of East European Accessions (MEA) IC, Vol. 8, No. 2,
February 1958, Unclass.

VACSEI, R.

Remarks on Tibor Lear's article "Investigation of the Causes of the Origin of Rimmed Plate Waste."

p. 250. (KOHASZATI LAPOK) Vol. 12, no. 6, June 1957
Budapest, Hungary

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

ASSTI, P.

Problems related to the qualification of copper wires. 11.1.1. *Electric communication*
and composition. 2. 197.
(K. V. G. A. I. L. V. O. K. Vol. 12, no. 1/2, Jan/Feb. 1967, Budapest, Hungary)

SO: Monthly List of East European Accessions (MEL) B. Vol. 2, no. 1, 1967.
Incl.

Distr: 4E2c/4E3c

Effect of elements of the first long period on the resistivity of copper and of aluminum. ⁷K. R. Vassel (Inst. recherche metaux non-ferreux, Budapest, Hung.). *Phys. and Chem. Solids* 7, No. 1, 60-3(1958).—Exptl. results are in accord with the theory of Mott (cf. Mott and Jones, *C.A.* 30, 8135⁶) and Friedel (*C.A.* 51, 4070⁷). J. M. Honig]

J. J.
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✓ Anomalous conductivity of aluminum. K. Róbert
Vascel (Rémipari Kutató Intézet, Budapest, Hung.).
~~Rémipari Kutató Intézet Közleményei No. 2, 148-53(1958).~~
To det. the causes of occasional Al lots with lower than
normal elec. cond., 20 samples were examd. representing
batches from the same smelter. The smelting conditions
were recorded in detail and the elec., chem., and phys.
properties of the metal were detd. Anomalous cond. was
observed in 3 samples and this coincided with 0.01% Ca
and Na content. The presence of Fe, Si, Ti, V, Cr, Mn,
Cu, Zn, Mg, N, P, S, and K was not a factor. Attempts
to det. the nature of the Ca and Na contamination (whether
metal or salt, or, if both, in what ratio) by spectrographical
methods were not successful. L. G. Arvai

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R

Effects of elemental contaminants on the properties of remelted electrolytic copper. K. Róbert Vass (Fémipari Kutató Intézet, Budapest, Hung.). *Fémipari Kutató Intézet Közleményei* No. 2, 232-40 (1958).—Sample batches of electrolytic Cu (99.93%) with various amts. of Ag, Al, As, B, Cd, Cr, Fe, Mg, Mn, Ni, P, Pb, S, Sb, Si, Sn, Ti, Zn, and Zr; B and Cr, Si, or Zr; Al and B or Ti; Fe and B or P; Mg and B, S, or Sn; Mn and As or B; and Ti and B or Si were prepd. under a dried charcoal cover at 1100–1150° and cast into tubes. The samples, together with several specimens representing industrial products, were examd. spectrographically, polarographically, microscopically, metallographically, and chem. by using conventional procedures. The results are given in detail. The color, rate of growth, and adhesion of the surface oxide layer was affected by most additives. Cd, P, S, and B increased its rate of growth while Al, Mg, P, Si, Ti, B, and Fe caused it to adhere weakly to the surface. Ag and Cd had no appreciable effect on elec. cond. while Al, As, Fe, Pb, Sb, Si, Sn, Ti, and Zn reduced it substantially and Cr, Fe, and Zr (after heat treatment) improved it. B, Ti, and Zr were most effective in reducing grain size. The simultaneous addn. of Ti and B resulted in regular crystals tentatively identified as Ti boride.

L. G. Asvat?

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VASSEL, K. R.

Distr: 4E2c

Methods for
the Determination of the quality of copper wire. Karl Robert Vassel (Inst. Non-ferrous Metals, Budapest, Hung.). Metallk. 50, 112-17 (1959).--Attempts were made to develop methods for the detn. of the quality of Cu (electrolytic Cu, cathodes, wire) by using chem. and phys. methods. Thirty-one elements were detd. in concns. of 0.001-0.01%. The additives were put in 4 groups according to their effect on the cond. of the Cu. A connection between chem. compn. of the Cu and its machining qualities could not be found. Tensile strength and yield point are not correlated with the quality of Cu wire. Other mech. properties, especially those based on deformation treatment, are very sensitive to impurities and therefore suitable for quality detns. Ernst M. Goldstein

(Retyped clipped abstract)

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Card 1/1

VASSEL, K. R.

Metr: 4E2a/4E2b(e)/4E2b(b)/4E2b(v)/
4E2b(w) 4 5

/ Deep drawing of aluminum. K. R. Vassel (Research
Inst. Nonferrous Metals, Budapest, Hung.). Rev. mtl.
36, 394-8 (1950).—The influence of impurities such as Fe, Si,
and H on the deep drawing of Al is discussed and the ad-
vantages and disadvantages described of the Erichsen and
Olsen, the Swift, and the Guyot quality tests.
P. Schossberger

S/137/62/000/012/011/085
A006/A101

AUTHORS: Vassel, K. R., Laar, T., Csak, J.

TITLE: Investigating the causes of crack formation in casting aluminum-zinc-magnesium-copper alloys and methods of eliminating same

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 12, 1962, 20, abstract 12G144 ("Kohasz. lapok", 1961, v. 94, no. 5, "Ontöde" v. 12, no. 5, 193 - 194, Hungarian)

TEXT: The basic cause of crack formation in alloys containing (in%) Zn 5.5 - 7, Mg 2.4 - 3.6, Cu 1.8 - 2.3, the rest Al, is the non-uniform distribution of alloying metals in the castings and the jump-like changes of linear dimensions during their heating or cooling, which causes high internal stresses. To obtain dense ingots, the authors recommend low casting temperature, uniform metal distribution and cooling, assuring the production of a fine-crystalline structure.

A. Tseydler

[Abstracter's note: Complete translation]

Card 1/1

VASSEL, K. Robert

Fatigue and its prevention. Technika 6 no.1:6-7 Ja '62.

1. Femipari Kutato Intezet helyettes osztalyvezetoje.

VASSEL, K. Robert, okleveles gepeszmernok, tudomanyos munkatars

The future of aluminum. Technika 7 no. 9:6-7 S '63.

1. Femipari Kutato Intezet.

VASSEL, R. Ya., inzh.

Ventilating mines equipped with conveyors or skip hoists. Izv.
vys. ucheb. zav.; gor. zhur. no.8:54-61 '64 (MIRA 18:1)

1. Leningradskiy ordena Lenina i ordena Trudovogo Krasnogo
Znameni gornyy institut imeni G.V. Plekhanova. Rekomendovana
kafedroy rudnichmoy ventilyatsii.

DEMETRIADCE, V.G.; VASSEL', R. Ya.

Frequency anemometer for air flow speed measurements in a mine.
Izv. vys. ucheb. zav., tsvet. met. 7 no.5:16-18 '64.
(MIFA 18:1)

1. Kafedra rudnichnoy ventilyatsii i tekhniki bezopasnosti
Leningradskogo gornogo instituta.

VASSEL', R. Ya.

Diagram for calculating parallel ventilation system connections. Izv. vys. ucheb. zav.; tsvet. met. 7 no. 4:14-17
'64 (MIRA 19:1)

1. Leningradskiy gornyy institut, kafedra rudnichnoy ventilyatsii.

BC

PROCESSES AND PROPERTIES

Distribution of active centres on a mixed catalyst. I. Catalysis of isopropanol alcohol on $\text{Al}_2\text{O}_3\text{-ZnO}$. A. A. Balandin and V. E. Vasserberg *Dokl. Akad. Sci. U.S.S.R., Cl. Sci. Chim.*, 1945, 486—487. The kinetics of the decomp. reaction of PrOH in a unimol. layer were investigated on a mixed catalyst composed of 90% Al_2O_3 and 10% ZnO at varying densities of surface cover. With respect to the alcohol the reaction is of the first order independently of the density of cover. Areas of low activity were found in the region of low density. The heat of activation is 8900 g.-cal. per mol. for average densities and 1800 g.-cal. per mol. for low densities, the no. of active centres being 17×10^{15} per g. of catalyst. The areas of highest activity are found at the interfaces of the solid phases of the catalyst. The existence of areas of high adsorption and areas of high catalytic activity was established. H. C.

ASAC SEA METALLURGICAL LITERATURE CLASSIFICATION

<div style="text-align: right;">2</div> <p>The distribution of active centers on mixed catalysts 1. Decomposition of isopropyl alcohol on $Al_2O_3 \cdot ZnO$. A. A. Balandin and V. Vasyurina (Inst. Org. Chem., Moscow). <i>Acta Physicochim. U.R.S.S.</i> 21, 678-88 (1955) (in English); cf. C.A. 50, 3380d, 29, 6104f. - Isopropyl alc., 0.6-6 mm. pressure, was completely absorbed by 1.64 g. of $90\% Al_2O_3 \cdot 10\% ZnO$ catalyst (cf. C.A. 27, 224) which had been dried at 300° for 40-50 hrs. (100 mm.) mm. pressure. The reaction was followed at 82° (100) by measuring C_3H_8 pressure. The results were independent of the order of performing the exp't. At sparse surface covering, from 0.06 to 0.15 cc. (N.T.P.) per g., the reaction velocity rises linearly; it remains const. to about 0.8 cc. per g., above which the const. falls. The activation energy at sparse covering of the surface is 18,000 cal. per mol., and is 8,900 in the horizontal range. The results differ from those of Dohse (C.A. 25, 5127) at low coverage of the surface. The results are interpreted to indicate that the most active catalyst patches are at the interfaces of the two solids. The active centers, est'd at 1.7×10^{10} per g. from the horizontal section of the curve, capable of the strongest adsorption need not be the most active catalytically. A. Fletcher</p>									
<div style="text-align: right;">6-27-57</div>									
<div style="text-align: center;">ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION</div>									
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VASSERBERG, V.E.

Kinetic studies of the reaction of the Ag^+ ion with the Ag^0 ion in the presence of H_2O and H_2O_2 have been reported. The reaction of Ag^+ with Ag^0 in the presence of H_2O is a second-order reaction, and the rate of reaction is proportional to the concentration of Ag^+ and Ag^0 . The reaction of Ag^+ with Ag^0 in the presence of H_2O_2 is a first-order reaction, and the rate of reaction is proportional to the concentration of Ag^+ and H_2O_2 . The reaction of Ag^+ with Ag^0 in the presence of H_2O and H_2O_2 is a second-order reaction, and the rate of reaction is proportional to the concentration of Ag^+ and Ag^0 .